

ABSTRACT

A communication control apparatus, communication terminal apparatus, server apparatus, and communication control method are provided that continue video and/or voice communication in a way that feels seamless to the user even when communication conditions change in a mobile environment. Newly introducing a lower layer management section that notifies an upper layer of lower layer information such as field intensity and network congestion into a conventional communication terminal apparatus, which is configured in such a way that this lower layer information is concealed from the application, enables the connection control section that provides the application's service generation environment to recognize lower layer information directly, and makes possible various kinds of status determination and control changes based on lower layer information at the application level.